

REMARKS

The foregoing amendments are presented to place the application in compliance with the Sequence Rules under 37 C.F.R. § 1.821-1.825.

Enclosed herewith is a substitute Sequence Listing in both paper and computer readable form (CRF) as required by 37 C.F.R. § 1.821(c) and (e). The substitute Sequence Listing corrects the errors noted in the Notice to Comply dated April 25, 2008. A copy of the Notice is attached herewith as required. The Sequence Listing was also revised to update the current application information per US practice. The specification has also been amended to insert the attached paper copy and CRF of the Sequence Listing and/or to replace the Sequence Listing of record. Support for such can be found in the sequences of the originally filed application. No new matter has been added. Accordingly, the submission complies with 37 C.F.R. § 1.821(g).

The content of the paper and computer readable copies of the Sequence Listing are the same, and thus this submission complies with 37 C.F.R. § 1.821(c) and (e).

The attached Sequence Listing was run through the USPTO Checker software (Version 4.4.0) (October 25, 2005) and no errors were found.

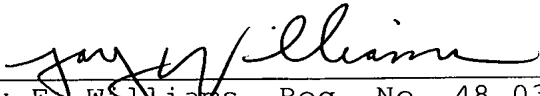
In view of the foregoing, it is believed that each requirement set forth in the Notice has been satisfied, and

that the application is now in compliance with the Sequence  
Rules under 37 C.F.R. §§ 1.821-1.825.

Favorable action on the merits is respectfully requested.

Respectfully submitted,

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**APPENDIX:**

The Appendix includes the following item(s):

- Sequence Listing in paper and computer readable form;
- copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide and/or Amino Acid Sequence Disclosures dated April 25, 2008.